



(12) EUROPEAN PATENT APPLICATION

(88) Date of publication A3:  
08.02.2006 Bulletin 2006/06

(51) Int Cl.:  
G01D 5/14 (2006.01) G01D 5/16 (2006.01)  
G01D 11/24 (2006.01)

(43) Date of publication A2:  
19.05.2004 Bulletin 2004/21

(21) Application number: 03005449.8

(22) Date of filing: 14.03.2003

(84) Designated Contracting States:  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR  
HU IE IT LI LU MC NL PT RO SE SI SK TR  
Designated Extension States:  
AL LT LV MK

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(30) Priority: 30.10.2002 JP 2002315221

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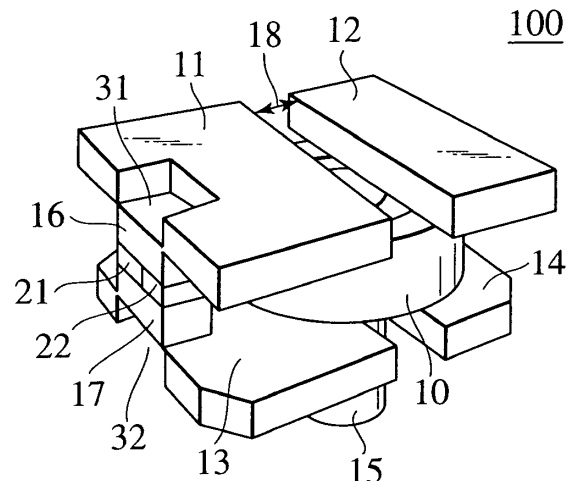
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(54) Noncontact rotary position sensor

(57) The invention relates to a compact, noncontact rotary position sensor that accurately detects a rotary position of a rotating object. A magnetism throttling portion (16, 17) is provided in a midway point of a magnetic path. Two magnetic induction elements (21, 22) are disposed adjacently each other at the magnetism throttling portion (16, 17). This arrangement effectively allows a magnetic flux to converge at the location, at which the magnetic induction elements (21, 22) are mounted. A noncontact rotary position sensor offering high sensitivity and high accuracy can then be obtained. It is also possible to simplify routing of signal lines from the two magnetic induction elements (21, 22), since the two magnetic induction elements (21, 22) are adjacent to each other.

FIG. 1





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			TECHNICAL FIELDS SEARCHED (IPC)
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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 20 December 2005	Examiner Amroun, S
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... & : member of the same patent family, corresponding document	
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EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT  
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EPO FORM P0459

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